



Colby Community College

Course Selection Guide

Course Selection Guidebook

Welcome to the CCC High School Outreach Program!

This guide will help high you select college courses that will work best in your high school schedule. You may begin as early as your sophomore year if your school and parents approve it, and you may take classes over the summer to reduce the course load during the school year.

This is not an exclusive list, but is a guide or “pathway” that can assist with merging your high school schedule with possible college courses.

Dual Credit: Maximize your effort: check with your high school if they will allow you to take college courses for high school credit. This means you can get both high school and college credit for a single class.

Pathway: The “pathway” is a suggested order that you take courses. We have divided them up by your Junior and Senior year. You could pick up classes over the summer as well, but these are condensed classes, and not recommended for everyone. Note: Due to high school graduation requirements, we strongly suggest waiting to take English Comp until your senior year.

YOUR SUCCESS STARTS HERE

Welcome to CCC!



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Trojan Success 15

The Trojan Success pathway maximizes dual credit options over 4 semesters while not overloading a high school schedule.

6 hours English (EN176, EN177)

3 hours Communications (suggest SP176 Public Speaking)

3 hours Math or Statistics (suggest MA178 College Algebra)

3 hours Social and Behavior Science (suggest PS176 Gen Psychology)

Total 15 credits (5 classes)

Trojan Success Pathway (suggestions):

Junior - Fall Semester

- **SP176** Public Speaking - 3 credits

Junior - Spring Semester

- **PS176** Gen Psychology - 3 credits

Senior - Fall Semester

- **EN176** English Comp I - 3 credits

Senior – Spring Semester

- **EN177** English Comp II - 3 credits
- **MA178** College Algebra - 3 credits

Total Credits: 15



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Trojan Core

The Trojan Core is 9 classes spread over 4 semesters. These classes make up the core of most associate and bachelor degrees.

- 6 hours English (EN176, EN177)
- 3 hours Communications (suggest SP176 Public Speaking)
- 3 hours Math or Statistics (suggest MA178 College Algebra)
- 4-5 hours of Natural and Physical Science with a Lab
- 6 hours Social and Behavior Science from different areas
- 6 Hours Arts and Humanities from different areas
- Total: 28-29 credits (9 classes)***

Kansas System Wide General Education (SGE) Program: If you wish to complete the full SGE program, you can add 6 hours of electives to the Trojan Core for a total of 34-35 credit hours. Completing this program will be recorded on your transcript. The 6 Kansas Universities along with Washburn will accept these for transfer credit into most programs. Important: *Make sure to select the correct Science course for what your program will require.*

Trojan Core Pathway

Junior - Fall Semester

- Oral Communications Gen Ed (suggest SP176) - 3 credits
- Social/Behavior Science Gen Ed - 3 credits

Junior - Spring Semester

- Arts/Humanities Gen Ed - 3 credits
- Social/Behavior Science Gen Ed (suggest PS176) - 3 credits

Senior - Fall Semester

- **EN176** English Comp I - 3 credits
- Science with a Lab - 4-5 credits

Senior Spring Semester

- **EN177** English Comp II - 3 credits
- Math (suggest MA178) - 3 credits
- Art/Humanities Gen Ed - 3 credits

Total Credits: 28-29 *

***Optional: Add 6 elective credits to complete KS Systemwide Gen Ed Program**

(You may take course(s) over the summer to reduce the semester class load)



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Associate Degree

It is possible for a high school student to graduate with an associate degree at the same time you graduate from high school. You will receive chords you can wear at graduation to show your success, and you are invited to also walk at CCC graduation.

Must Complete 62 credits spelled out by the degree. You may select any program, but the most flexible is the: **Associate of Arts in General Studies**

Associate Pathway (Completing at least 15 credits each semester)

Junior Year

Complete most of your Humanities, Oral Communication, Social/Behavior Science, and Physical education courses. **(30 credits – 10 classes)**

Senior Year

Complete English Comp 1 and 2, Sciences, and Math, and electives **(32 credits)**

Total Credits: 62 minimum (amount may be more than this depending on your choices)

Degrees and pathways can be found in our Program Catalog: catalog.colbycc.edu/

IMPORTANT:

If you desire to complete an Associate Degree, it is strongly suggested that you make an appointment with an academic advisor to create your personal degree plan. At this appointment, you will map out which classes you will take to finish on time.

Schedule Advising Appointment > <https://trojanadvisingcenter.setmore.com/#services>

Tip: Do not sacrifice your grades to take more classes.

It is important to keep your grades up.



Medical Preparation Courses

You may add these on to a pathway, or take them independently to get a head start into a medical career. Make sure to check with your future university which courses you need.

- **Basic Nutrition - AL101** (3 credits)
- **Medical Terminology - AL102** (1 credit), or **AL103** (3 credits)
- **CNA - AL104** (5 credits over 8 weeks)
Course requires in-person training and must be 16 years old by the end of the class time, 8-week program, in order to take the CNA certification exam.
- **Anatomy and Physiology** – referred to as “A&P”
 - 5 credits of A&P - **BI278**, or
 - 8 credits of A&P - **BI276** and **BI277**
- **Chemistry I and/or Biology I & II** – **Important Tip:** *Make sure to take Chem I and Bio I and not the intro/fundamental courses.*

Pre-Nursing Pathway (prerequisites for the Nursing program at CCC)*

You may take these in any order. They must be completed with a C or better to apply for the first year of the CCC nursing program.

CCC Nursing Prerequisites

- **AL104** CNA (5 credits) & received CNA License
- **AL101** Basic Nutrition (3 credits)
- **AL102** Medical Terminology (1 credit)
- **BI278** Anatomy & Physiology (5 credits)
- **PS276** Developmental Psychology (3 credits)
- *Get CPR certified (not a class at CCC)*

Additional degree courses that could be taken while in high school

- **EN176** English Comp I (3 credits)
- **PS176** General Psychology

*Please note the following information before starting these classes:

- Other nursing programs may have different requirements
- CCC Nursing program is competitive, and there is no guarantee of selection. The timing of the program is also tricky: *Applications are due by March 1st and the program starts in August.* We suggest that you meet with the Nursing program advisor to talk about application timing and admissions criteria to make the best plan for you.



Ag Studies Preparation

These courses were set up to give students a great academic foundation for an Ag career.

- AG OSHA Certification - AG105 (1 credit)
- Intro to Swine Production - AG123 (1 credit)
- Intro to Cattle health - AG127 (1 credit)
- Intro to Pet Grooming - AG128 (1 credit)
- Intro to Preservation Dog Breeding - AG129 (1 credit)
- Beef Pregnancy Detection - AG155 (1 credit)
- Breeding Soundness Exams - AG156 (1 credit)
- Fundamentals of Hunt Seat Discipline - AG157 (1 credit)
- Fundamentals of Western Discipline - AG158 (1 credit)
- Intro to Equine health - AG170 (1 credit)
- Intro to Equine Eval and Selection - AG171 (1 credit)

Pre-Vet Nursing Program

The following are required prerequisites to get into the Vet Nursing Program. You must finish the Vet Nursing program within 6 years of taking the first VN course. We strongly suggest making an appointment with the Vet Nursing program to discuss timing of admissions and the courses you take so you do not have delays in your program. The order of classes is very important.

Vet Nursing Prerequisites

- **BI177** Biology I
- **CH176** Fundamentals of Chemistry
- **EN176** English Comp I
- **PS176** Gen Psychology
- **SP176** Public Speaking , or other oral communications course
- **VN115** Into to Vet Nursing
- **VN126** Vet Med Term
- **AG149** Principals of Animal Science (may only be taken senior year)

Additional 1st year Vet Nursing course you can take while in high school

(Important: *These trigger the 6-year clock, consider completing above courses and waiting until Senior year to take these if you are done with the prerequisites)*

- **MA109** Math for Vet Nursing
- **VN119** Breeds of Domestic Animas
- **VN121** Medical Records and Vet Office Skills



Agricultural Class Availability

*The **Agriculture Program** has many courses available to introduce high school students into the field. Some courses are only open to High School Seniors, and a few classes are only available after graduation.*

Ag courses open to ALL high school students

- AG105 AG OSHA Certification
- AG106 Principles of Agricultural Economics
- AG118 Marketing of Agricultural Products
- AG122 Introduction to Livestock Judging
- AG123 Introduction to Swine Production
- AG127 Introduction to Cattle Health
- AG128 Introduction to Pet Grooming: Grooming Assistant
- AG129 Introduction to Preservation Dog Breeding
- AG155 Beef Pregnancy Detection
- AG156 Breeding Soundness Exams
- AG157 Fundamentals of the Hunt Seat Discipline
- AG158 Fundamentals of the Western Discipline
- AG170 Introduction to Equine Health
- AG171 Introduction to Equine Evaluation and Selection
- AG206 Agricultural Law
- VN115 Introduction to Veterinary Nursing
- VN119 Breeds of Domestic Animals
- VN121 Medical Records and Veterinary Office Skills

Ag courses available to high school SENIORS only**

- AG126 Principles of Livestock Nutrition
- AG149 Animal Science
- AG150 Animal Science Lab
- AG151 Beef Cattle Science (requires completion of AG149)
- AG152 Introduction to Animal Health (requires completion of AG149)
- AG176 Horse Production
- AG205 Agricultural Finance
- AG240 Introduction to Beef Production (requires completion of AG149)
- VN126 Veterinary Medical Terminology

**if you plan to attending CCC, it is recommended to take these classes in person

Ag courses NOT available to high school students

- AG153 Farm Animal Reproduction
- AG226 Applied Livestock Nutrition
- AG249 Artificial Insemination
- AG259 Equine Reproduction
- AG260 Equine Nutrition
- AG261 Equine Anatomy



Alternative Energy Certification

Obtain a 1 or 2 year certification in Alternative Energy. Classes are in 8-week segments so you can take 2 courses each semester without them overlapping. Classes content is online, but there will be a field day at the CCC Farm. If you are unable to attend, you may be given a research paper instead.

Solar Photovoltaic Pathway

One-Year Certificate of Completion (4 courses, 12 credit hours)

Fall Semester

- **AE277** Solar PV Fundamentals - 3 credits
- **AE279** Solar PV Grid Direct - 3 credits

Spring Semester

- **AE200** Solar PV - 3 credits
- **AE201** Battery-based, Solar PV Technical Sales - 3 credits

Total Credits: 12

Solar Photovoltaic Technical Certificate (4-5 semesters, 37 credits)

see [program](#) for details

Wind Technology Pathway

One Year Certificate of Completion (4 courses, 12 credit hours)

Fall Semester

- **AE181** Small Wind Turbine - 3 credits
- **AE178** Ag/Rural Wind Applications - 3 credits

Spring Semester

- **AE183** Wind, Battery-Based - 3 credits
- **AE180** Wind/Solar PV Hybrid Systems - 3 credits

Total Credits: 12

Wind Technology Technical Certificate (4-5 semesters, 37 credits)

see [program](#) for details



Undecided

If you are not sure what you want to study, here are some intro courses that might help you explore different educational areas while you still have the cheaper high school rates:

Helpful “Intro” Courses

- Intro to Business - BU178 - 3 credits
- Intro to Criminal Justice - CJ110 - 3 credits
- Intro to Political Science - PO110 - 3 credits
- Gen Psychology - PS176 - 3 credits
 - Follow up with: Developmental Psychology - PS276 - 3 credits
- Intro to Social Work - SO150 - 3 credits
- Foundations of Modern Education - ED177 - 3 credits
- Agriculture - Any of the “Intro to...” courses offered

Other helpful courses (see also a list of General Education courses [online](#))

- Elementary Spanish I - FL176 - 5 credits
- Art Appreciation - AR175 - 3 credits
- Intro to Music - MU176 - 3 credits
- American History to 1865 - HI176 - 3 credits
- American Government - PO176 - 3 credits
- State and Local Government - PO105 - 3 credits
- Personal & Community Health - PE177 - 3 credits
- Philosophy of Thought & Logic – PI200 - 3 credits



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Placement Policy

The state of Kansas requires a minimum placement into all **Math** and **English Composition** courses. You must meet minimum GPA requirements or take an ACT or ACUPLACER exam to register.

EN176 (English Comp I) – **ACT** Reading & Writing – **18+** | **ACCUPLACER** English & Reading **255+**

MA178 (College Algebra) – **ACT** Math – **22+** | **ACCUPLACER** Math - **263+**

Multiple measures – *We can combine tests and work with your school to evaluate your subject GPA to meet the minimum placement.*

If your ACT or GPA do not meet the minimum standard, CCC offers ACCUPLACER testing for free. Work with your local Outreach Coordinator about your placement into these classes.

Detailed Placement Policy: [Guide](#)

Get More Information

You can access more information and apply for the High School Outreach program through our website:

Scan to apply online or click on this [link](#) >>



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outreach@colbycc.edu

785-460-5506

<https://www.colbycc.edu/student/outreach/index.html>